

FIG. 1

Reader Network / Site

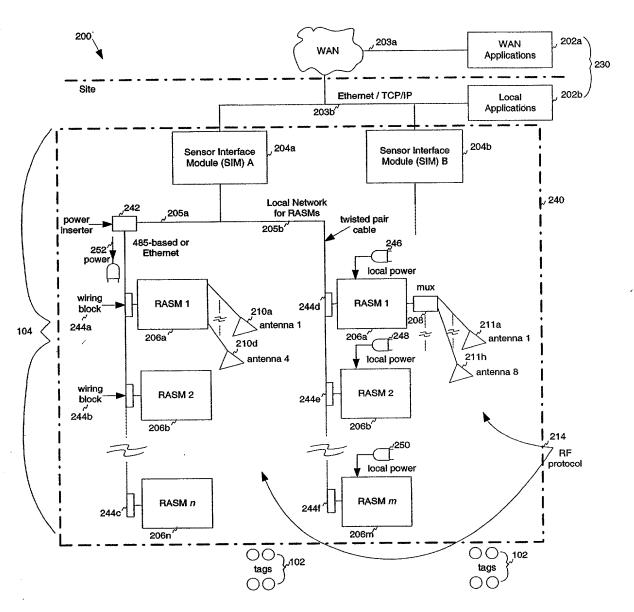


FIG. 2

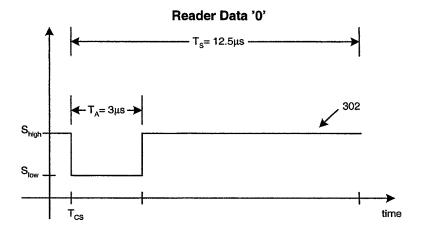


FIG. 3

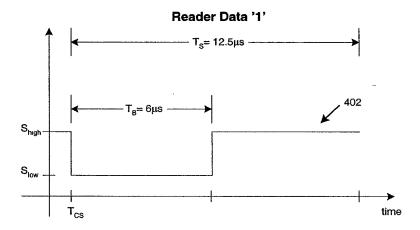


FIG. 4

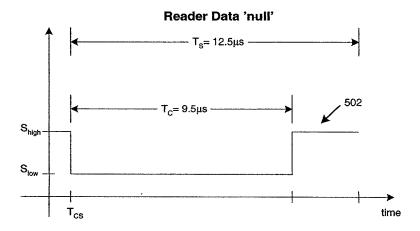


FIG. 5

Reader Bit '0' with Tag Bit '0'

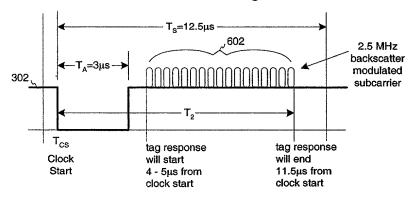


FIG. 6

Reader Bit '1' with Tag Bit '0'

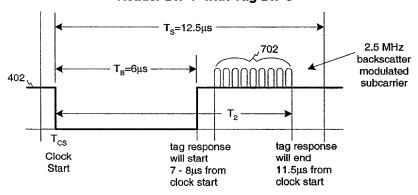


FIG. 7

Reader Bit '0' with Tag Bit '1'

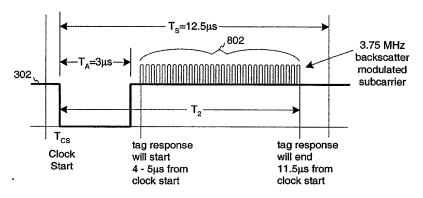


FIG. 8

Reader Bit '1' with Tag Bit '1'

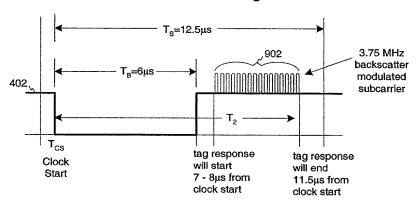


FIG. 9

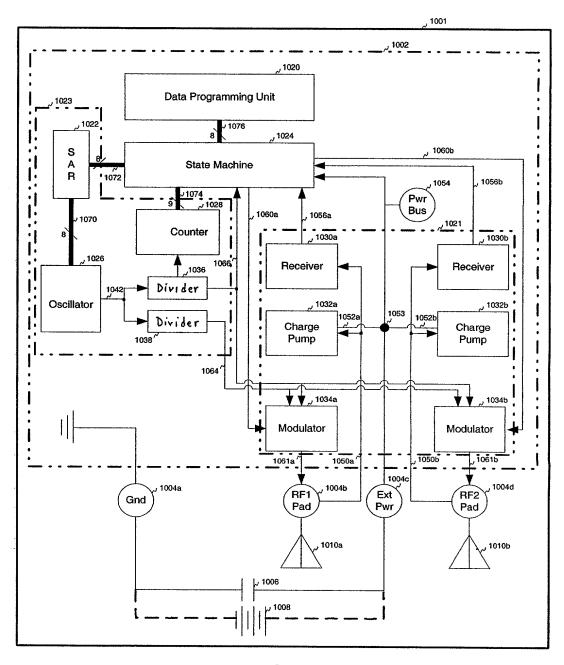


FIG. 10

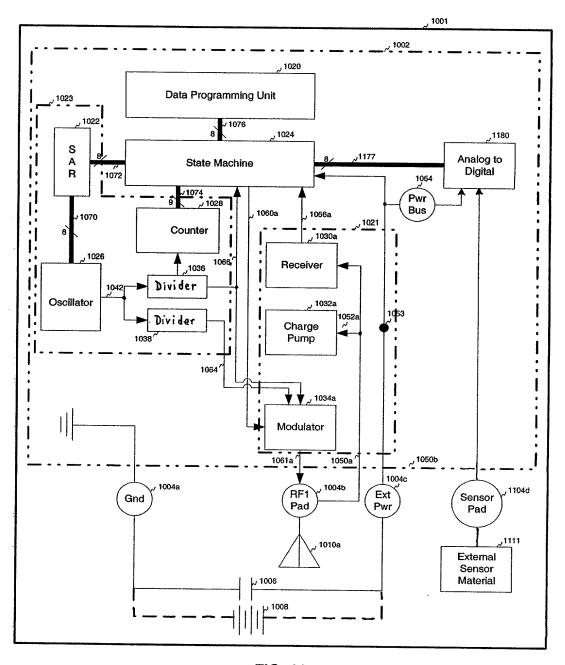
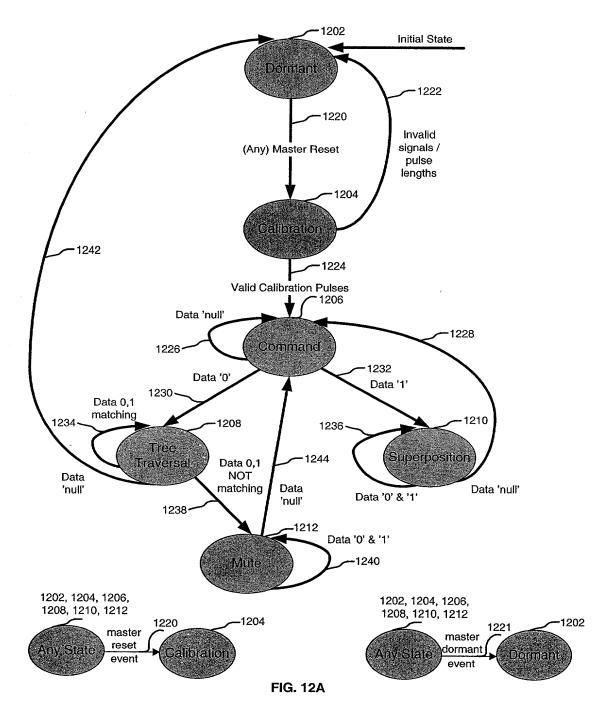


FIG. 11



0201-20b.vsd/8

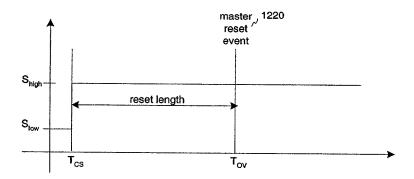


FIG. 12B

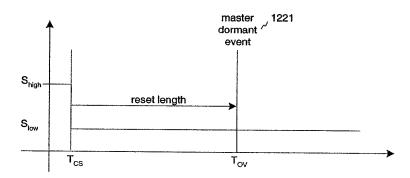


FIG. 12C

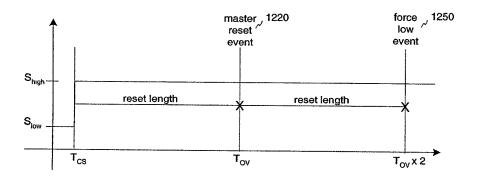


FIG. 12D

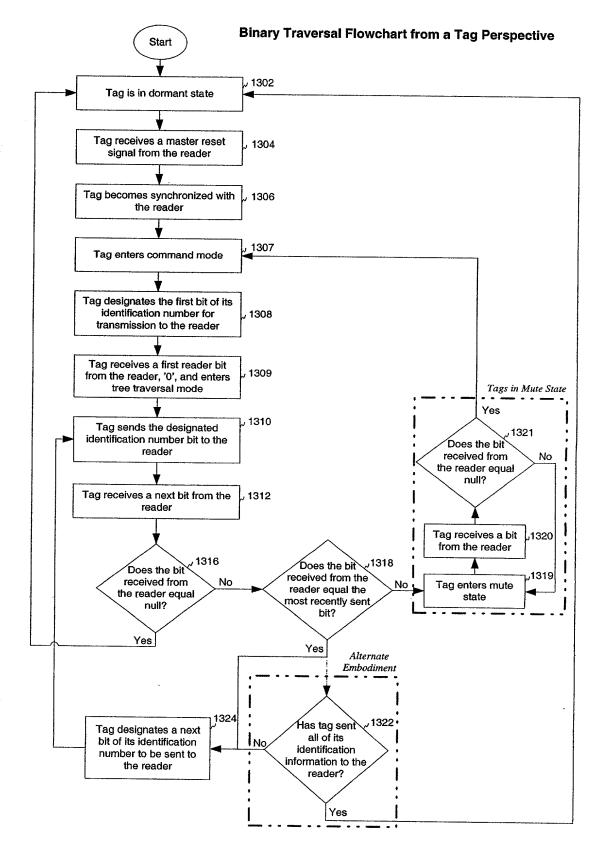


FIG.13

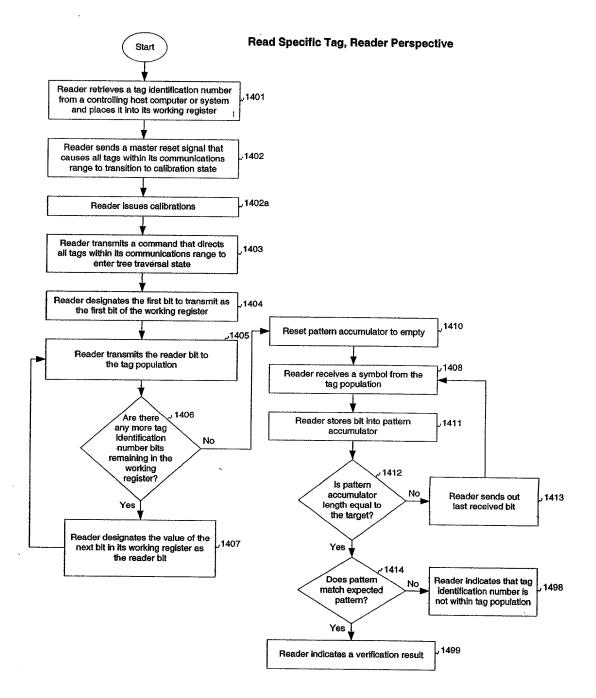


FIG. 14A

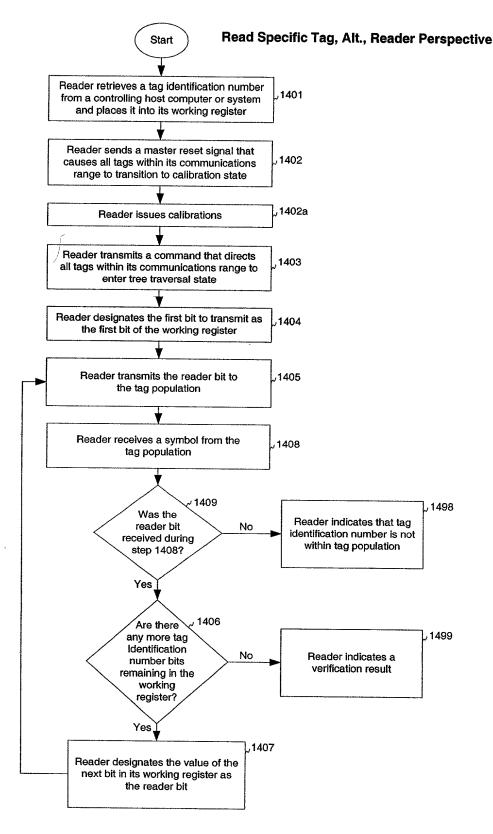


FIG. 14B

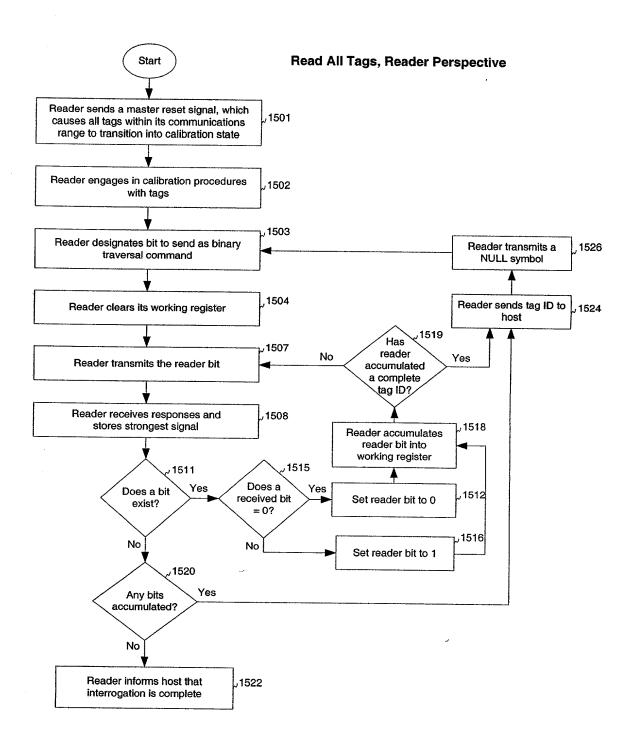


FIG. 15A:

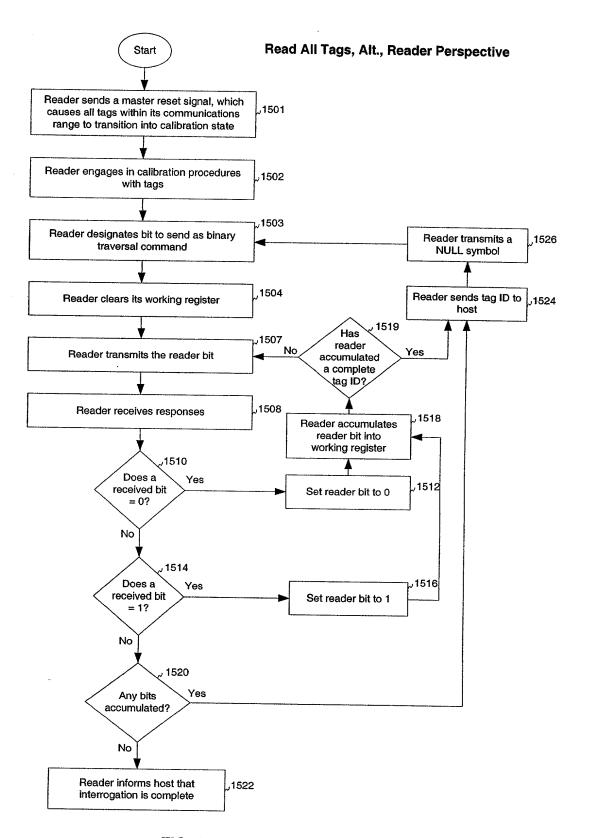


FIG. 15B

Binary Traversal Paths and Tree for a 3-bit Tag Population

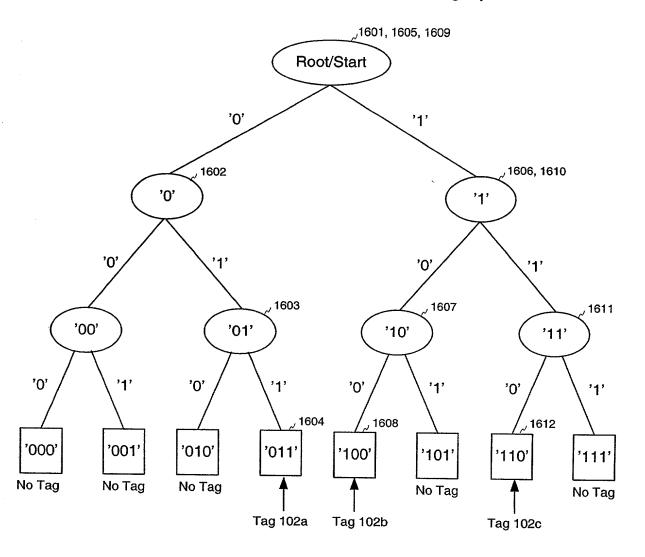


FIG. 16

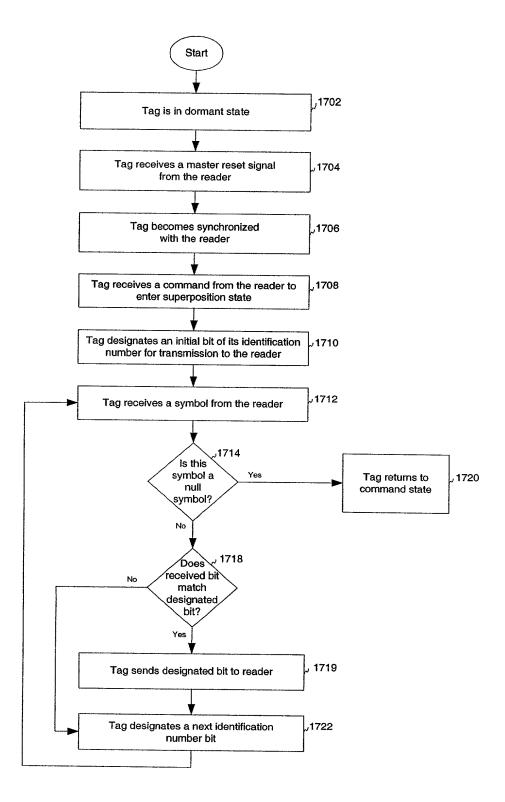


FIG. 17A

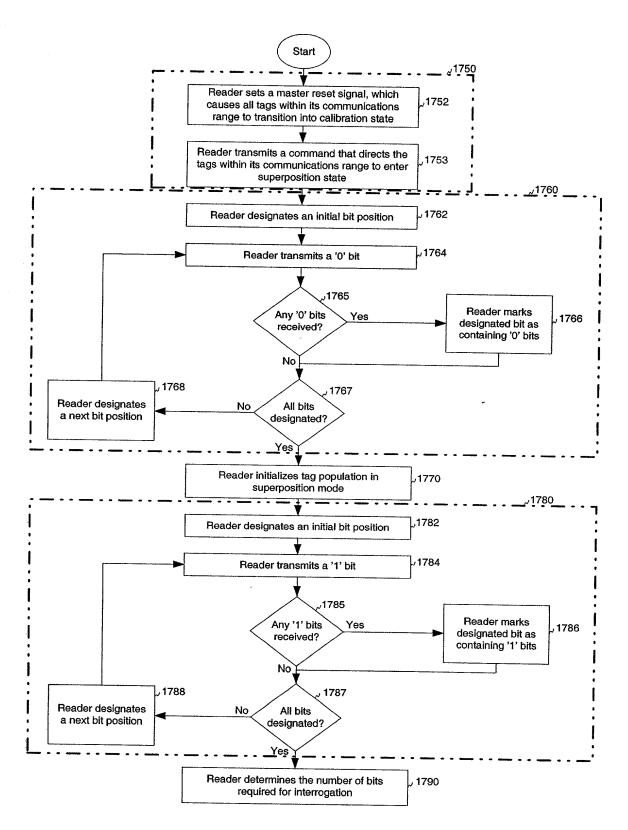
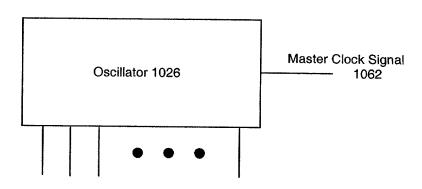
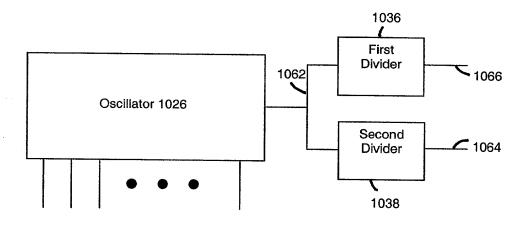


FIG. 17B



n-bit control word 1070

FIG. 18



n-bit control word 1070

FIG. 19

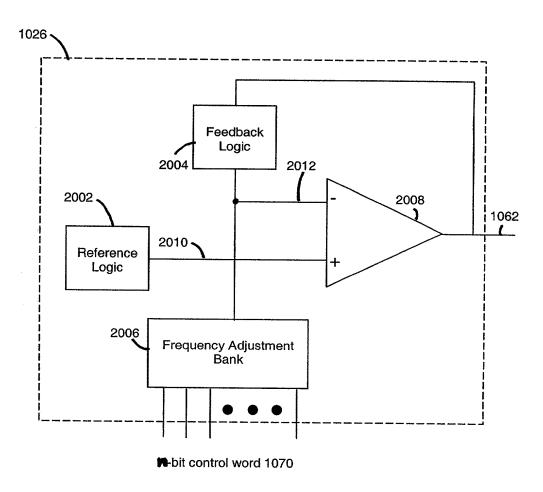


FIG. 20

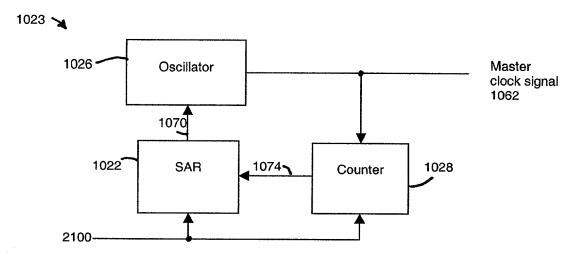


FIG. 21A

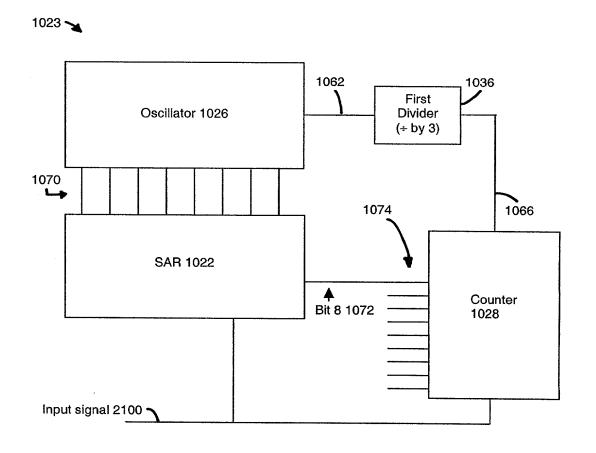


FIG. 21B

Conceptual implementation of SAR calibration

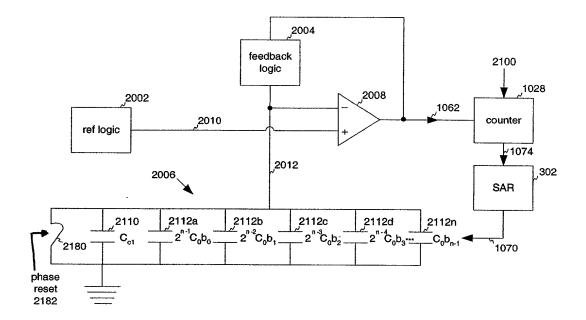


FIG. 21C

Physical implementation of adjustable capacitor bank

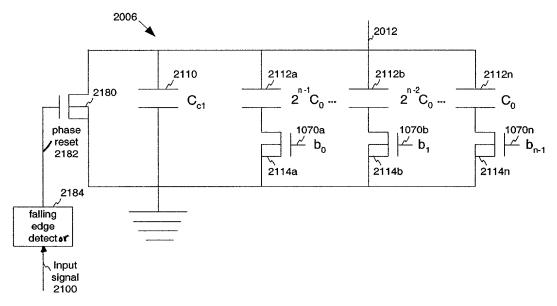
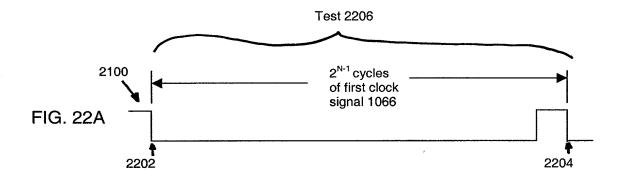
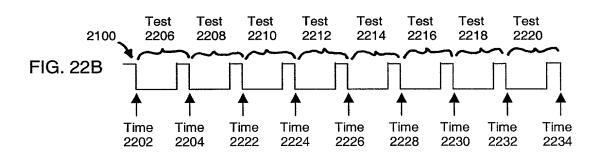
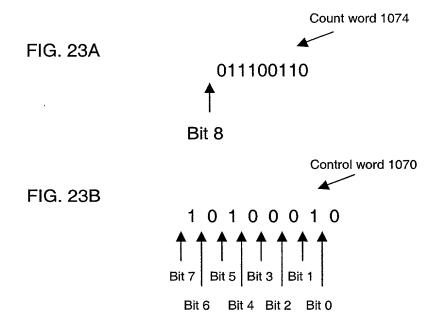


FIG. 21D







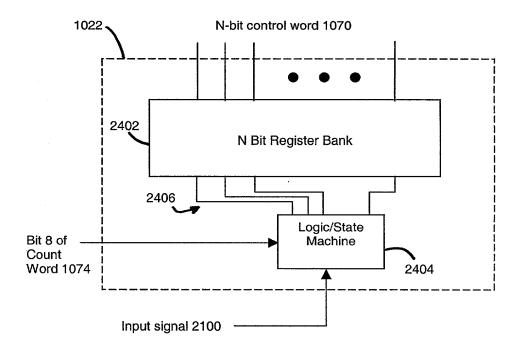


FIG. 24

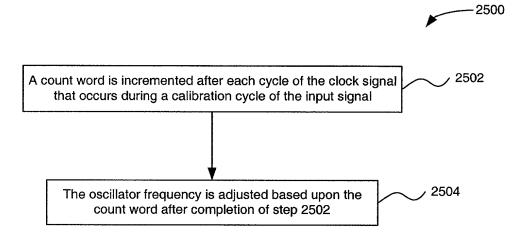


FIG. 25A

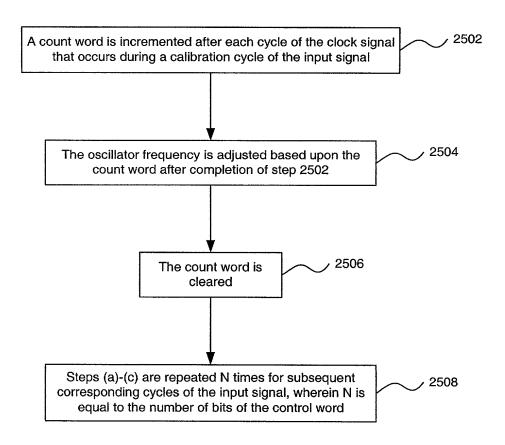


FIG. 25B

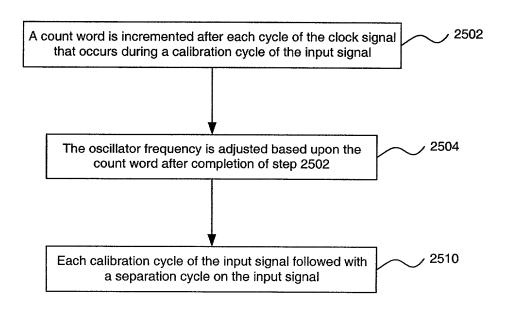


FIG. 25C

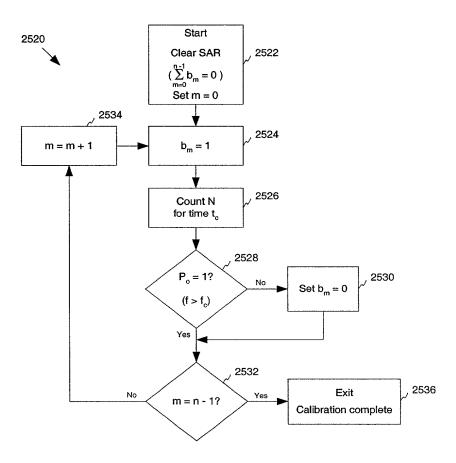
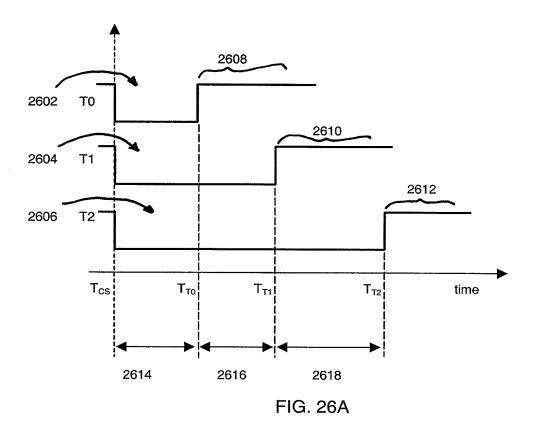


FIG. 25D



Data Symbol Timing Chart

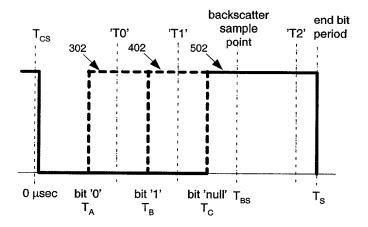


FIG. 26B

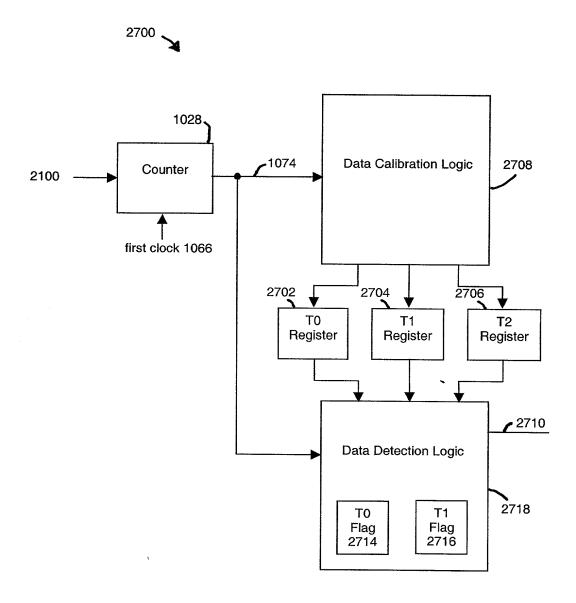


FIG. 27



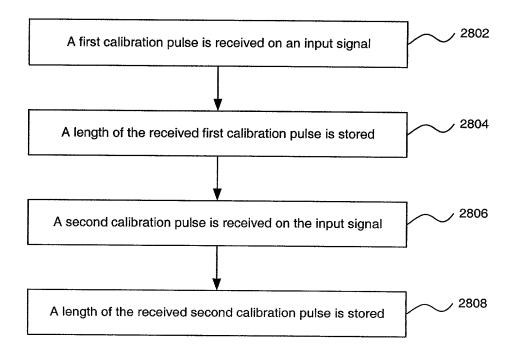
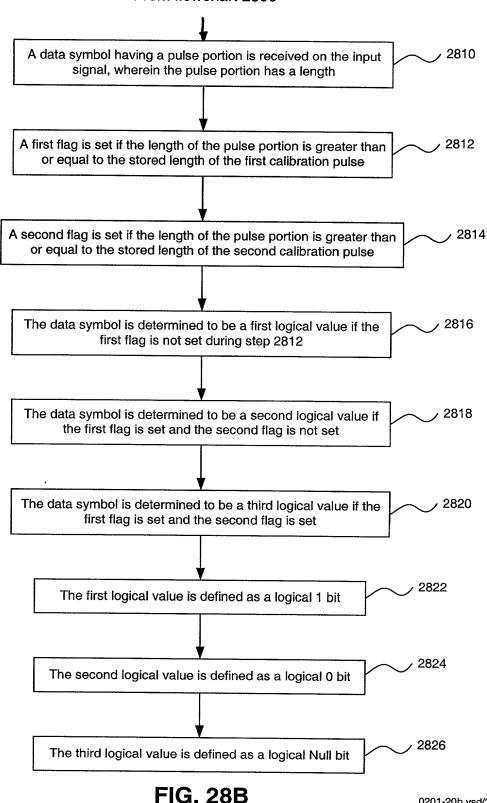


FIG. 28A



0201-20b.vsd/32

From flowchart 2800



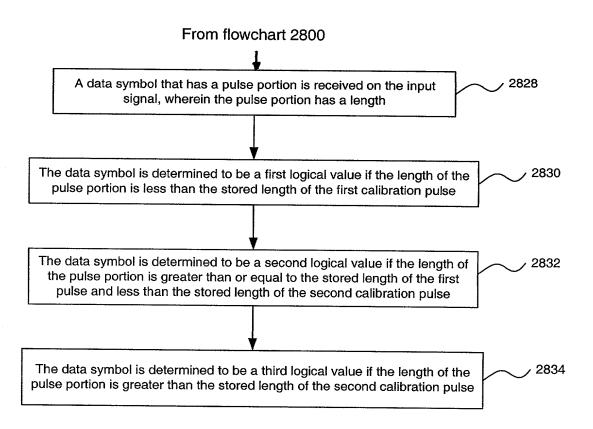


FIG. 28C

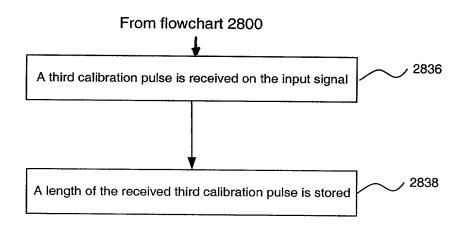


FIG. 28D

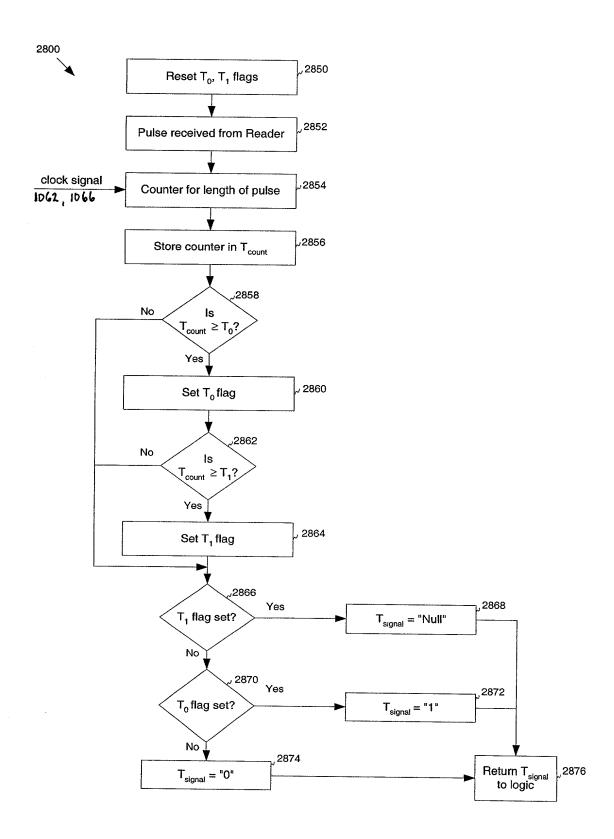


FIG. 28E

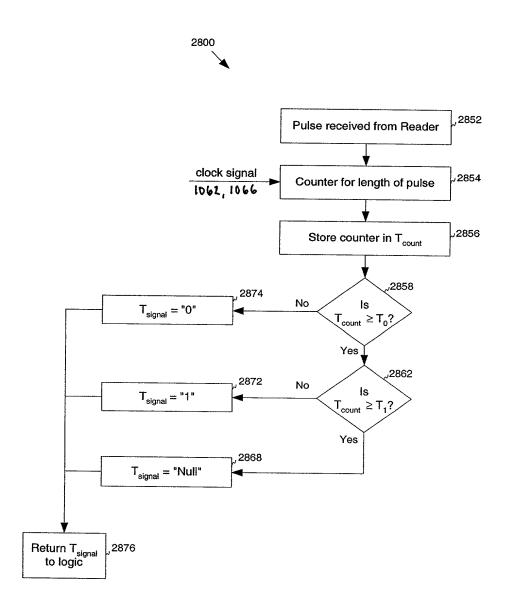
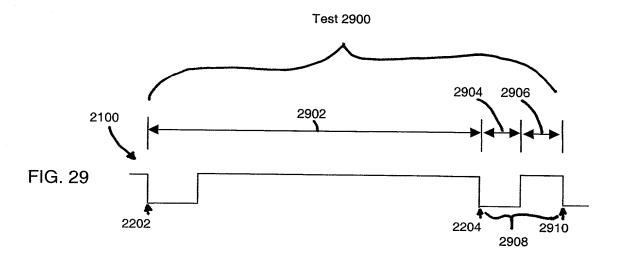


FIG. 28F



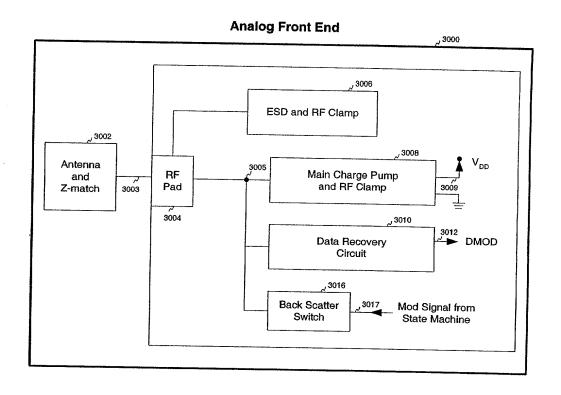


FIG. 30

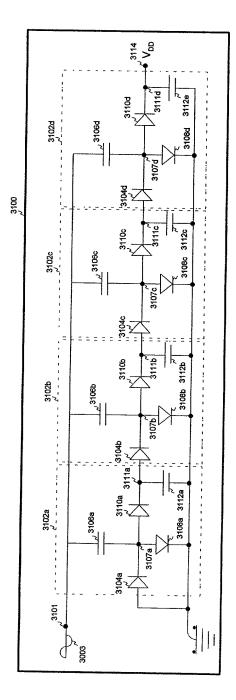


FIG. 31

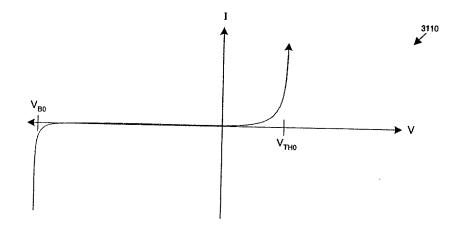


FIG. 32A

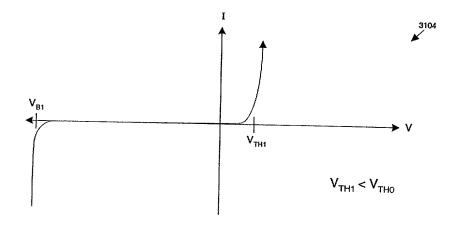


FIG. 32B

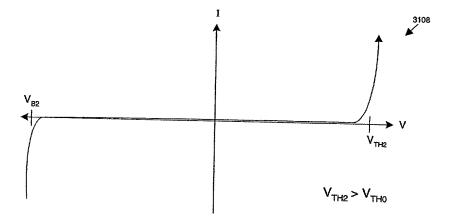


FIG. 32C

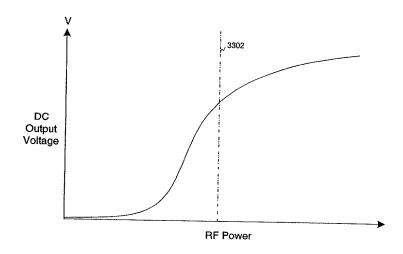


FIG. 33A

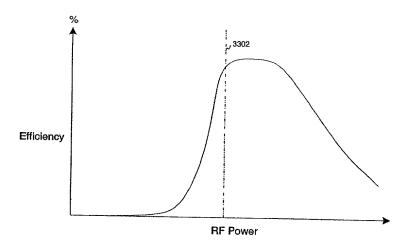


FIG 33B

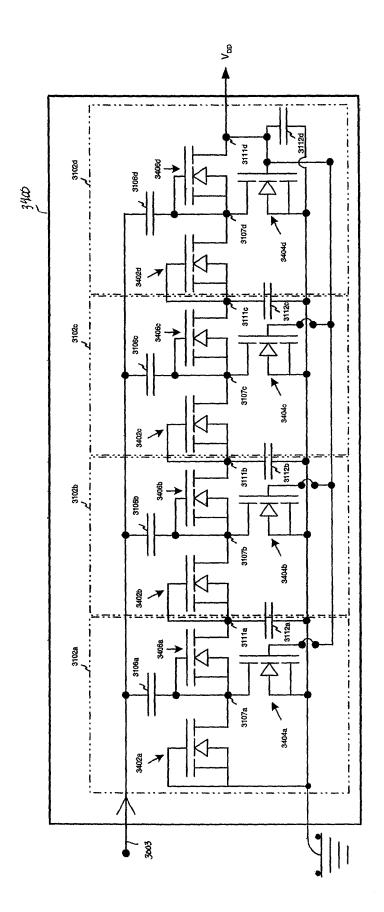


FIG. 34A

FIG. 34B

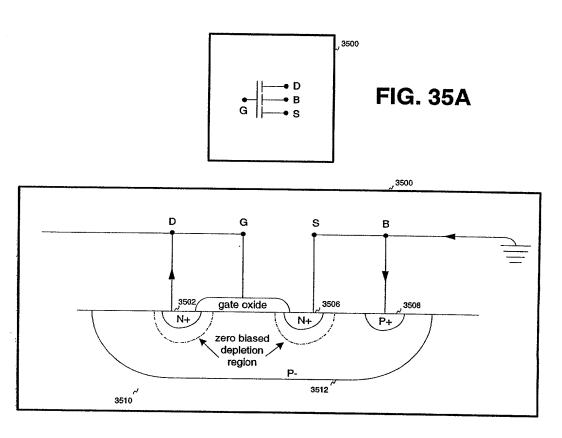


FIG. 35B

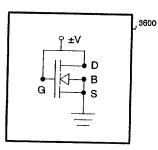


FIG. 36A

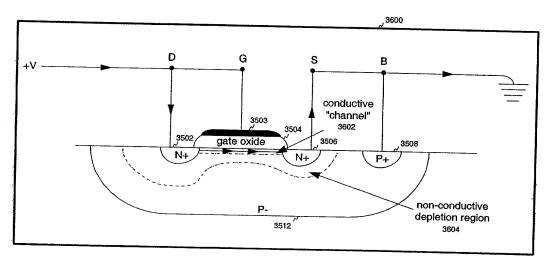


FIG. 36B

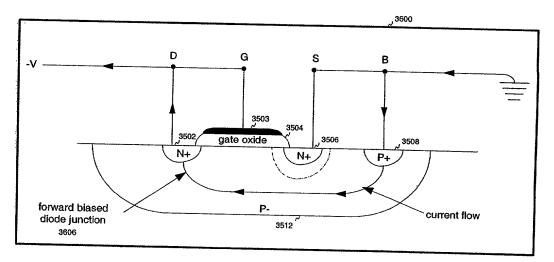
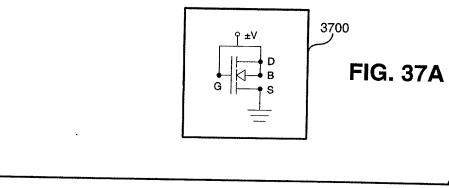


FIG. 36C



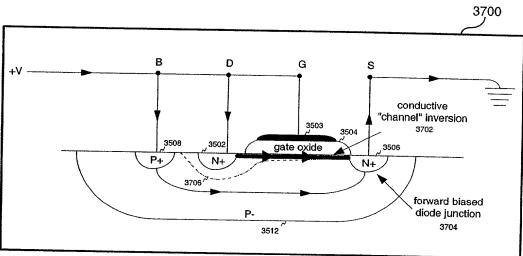


FIG. 37B

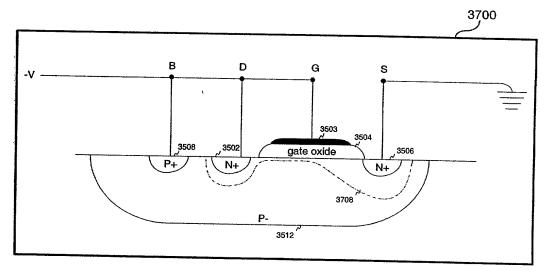


FIG. 37C

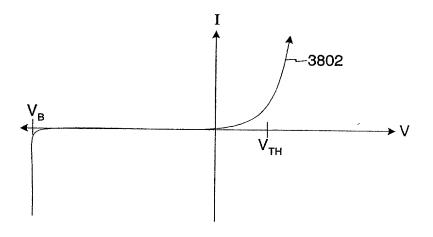


FIG. 38A

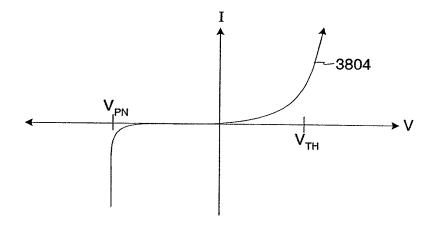


FIG. 38B

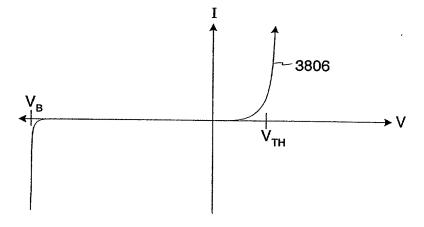


FIG. 38C

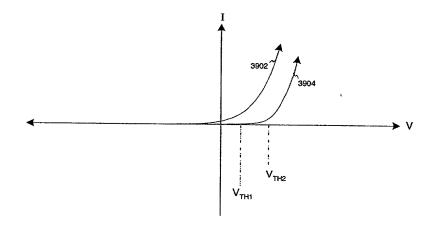


FIG. 39

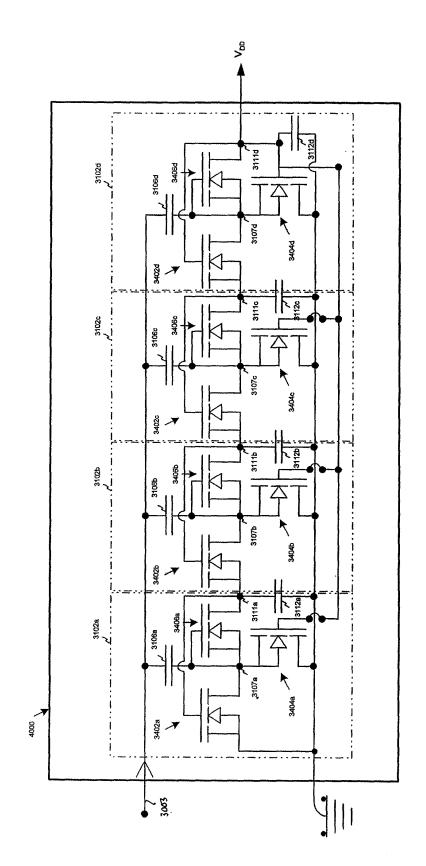


FIG. 40A

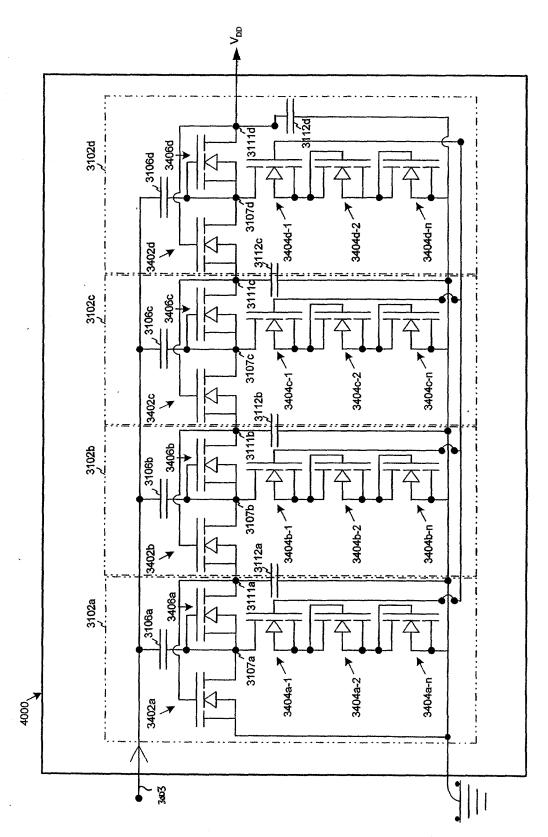


FIG. 40B

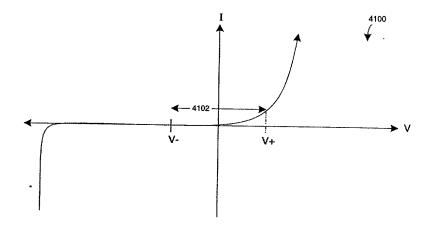


FIG. 41A

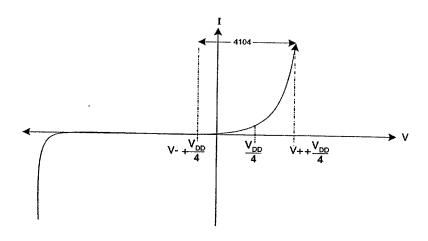


FIG. 41B

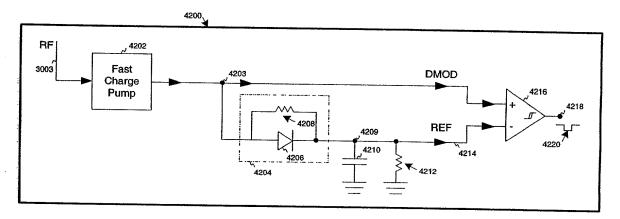


FIG. 42

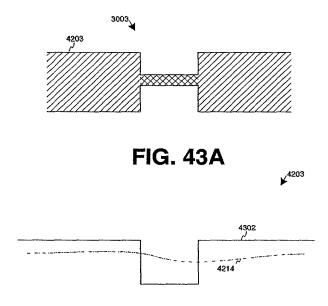


FIG. 43B

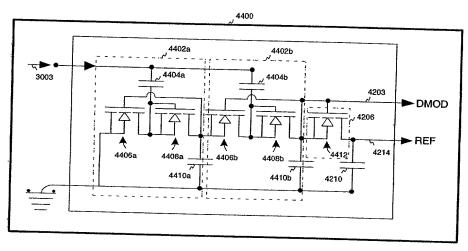


FIG. 44

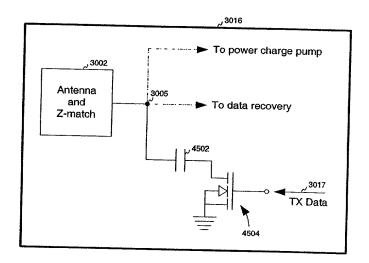


FIG. 45